Stearic Acid Triple Pressed

Wintersun Code: 19-026
CAS Number: 57-11-4
Molecular Formula: $CH_3(CH_2)_{16}COOH$
Molecular Weight: 284.48 g/mol

Sales Specification
Appearance: White granular
Iodine value: 2.0 max.
Acid value:205-210
Saponification value: 206-211
Congealing point: 54-57 degree C
Loss on drying: 0.2% max.
Mineral acid: 0.001% max.

Packing
In 50 LB bag, 24 bags per pallet

Sodium Stearate

Wintersun Code: 19-092
CAS Number: 822-16-2
Molecular Formula: $C_{17}H_{35}COONa$
Molecular Weight: 306.46 g/mol

Sales Specifications
Appearance: A white, fine, light powder, greasy to touch
Loss on Drying: ≤ 2.0 %
Free Fatty Acid: ≤ 1.2 %
Sulphonated Ash: 23% - 24%
Iodine Value: ≤ 1.0
Granulametry (200 mesh): ≥ 95%
Arsenic: ≤ 3 ppm
Mercury: ≤ 0.5 ppm
Heavy Metal Lead: ≤ 10 ppm

Packing
In 50 LB bag/ 16 bags per pallet

Sodium Tripolyphosphate (STPP)

Applications
The alkaline phosphates offer detergency activity in combination with the properties of sequestration, dispersion and buffering ability. STPP is used in water softening, industrial cleaners, food uses, detergent, emulsifier of oil and grease, peptizing agent, deflocculating agent in oil well, sequester in cotton boiling.

Sodium Tripolyphosphate (STPP) M Dense
Wintersun Code: 19-053-02
CAS Number: 7758-29-4
Molecular Formula: $Na_5P_3O_{10}$
Molecular Weight: 367.86 g/mol

Sales Specification
Appearance: White Powder
Na5P3O10: 94% Min
P2O5: 57% Min
Water Insoluble: 0.10% Max
pH (1% solution): 9.2~10
Whiteness: 90% Min
Bulk Density: 0.35~0.95 g/cm3

Packing
In 50 LB paper bag, 44 bags per pallet

Sodium Tripolyphosphate (STPP) Light
Wintersun Code: 19-053-03
CAS Number: 7758-29-4
Molecular Formula: $Na_5P_3O_{10}$
Molecular Weight: 367.86 g/mol

Sales Specification
Appearance: White Granular
Na5P3O10: ≥94.0% min
P2O5 Content: ≥57% min
Water Insoluble: ≤0.10%
Bulk Density: 0.50-0.60
pH(1% soluble in water): 9.2-10
Whiteness: ≥90%

Packing
In 50 LB bag, 26 bags per pallet

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Disodium Phosphate Anhydrous, Food Grade

Wintersun Code: 04-023-2
CAS Number: 7558-79-4
Molecular Formula: Na_2HPO_4
Molecular Weight: 141.96 g/mol

Sales Specification
Appearance, Visual: White Oudorless Powder
Assay/ Content, %: ≥ 98
Water Insoluble, %: ≤ 0.2
Arsenic as As, ppm: ≤ 3
Heavy Metal, as Pb: ≤ 10
Lead as Pb, ppm: ≤ 4
Fluoride as F, ppm: ≤ 50
Loss on drying, %: ≤ 5.0

Packing
In 50 LB bag, 40 bags per pallet

Trisodium Phosphate Dodecahydrate

Wintersun Code: 20-032A
CAS Number: 10101-89-0
Molecular Formula: $Na_3PO_4.12H_2O$
Molecular Weight: 380.12 g/mol

Sales Specification
Appearance: White Powder
$Na_3PO_4.12H_2O$: ≥ 98.0%
Phosphoruspentoxide: ≥ 18.3%
Non-Solvable Matter: ≤ 0.10 %
SO_4: ≤ 0.40 %
pH: 11.5 - 12.5
Ferrum (Fe): ≤ 0.015 %
Alkalinity of methyl orange (by Na_2O) %: 15.0 – 19.0 %
Chloride (CL %): ≤ 0.50 %
Insoluble in water: ≤ 0.10 %

Packing
In 50 LB bag, 44 bags per pallet

Tetrapotassium Pyrophosphate (TKPP) NSF

Wintersun Code: 20-005
CAS Number: 7320-34-5
Molecular Formula: $K_4P_2O_7$
Molecular Weight: 330.34 g/mol

Sales Specifications
Appearance: White Granular
Assay: 90.0% Min
pH (1% Solution): 10.0-10.7
Bulk Density: 0.85 Min
Water Insoluble: 0.20% Max

Loss on Ignition
(800°C for 30 mins): 1.0% Max
Phosphate (P_2O_5): 42.0% Min

Particle Size Distribution
Retained on 20 Mesh (850µm): 10.0% Max
Passed thru 100 Mesh (150µm): 30.0% Max

Packing
In 50 LB bag, 44 bags per pallet

Sodium Hexametaphosphate (SHMP) NSF

Wintersun Code: 19-024-2
CAS Number: 68915-31-1 or 10124-56-8
Molecular Formula: $Na_{(n+2)}PnO_{(3n+1)}$

Sales Specification
Appearance: White Granules
P_2O_5 (%): 67.0 Min
Fe (ppm): 100 Max
As (ppm): 40.0 Max
F (ppm): 5.0 Max
Pb (ppm): 1.0 Max
Cd (ppm): 1.0 Max
Hg (ppm): 1.0 Max
Water insoluble substances (%): 0.15 Max
pH (1% solution): 6.5 - 7.0
Loss on ignition 550 °C (%): 0.15 Max
Loss on drying (%): 0.15 Max
Average chain length: 12 - 17
Particle size 1 to 0.25 mm (18 to 60 mesh): -
Sieve analysis on 1.0 mm (%): 50.0 Max
Sieve analysis thru 0.25 mm (%): 25.0 Max
Bulk Density g/cc: 1.0 - 1.4

Packing
In 50 LB bag, 44 bags per pallet

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